

Title (en)

CONNECTOR WITH STABILIZATION MEMBERS AND METHOD OF ASSEMBLY

Title (de)

VERBINDER MIT STABILISIERUNGSELEMENTEN UND MONTAGEVERFAHREN

Title (fr)

CONNECTEUR AVEC ÉLÉMENTS DE STABILISATION ET PROCÉDÉ D'ASSEMBLAGE

Publication

EP 3026759 A1 20160601 (EN)

Application

EP 15194825 A 20151116

Priority

US 201414555033 A 20141126

Abstract (en)

The claimed invention is directed to a method and a connector (10) for mounting on a substrate. Terminal receiving recesses (32) extend through a bottom wall (22) of the connector (10). Contacts (14) are positioned in the terminal receiving recesses (32). The contacts (14) have securing sections (42) for securing the contacts (14) in the terminal receiving recesses (32) and substrate mating sections (46) which extend from the bottom wall (22) of a housing (12) of the connector (10) in a direction away from a top wall (20) of the connector (10). At least one stabilization member (50) extends from the bottom wall (22) of the housing (12) in a direction away from the top wall (20). The at least one stabilization member (50) is movable between a first position and a second position. The at least one stabilization member (50) engages the substrate when the at least one stabilization member (50) is in the first position to maintain the connector (10) in a stable position relative to the substrate.

IPC 8 full level

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CPC (source: CN EP US)

H01R 12/523 (2013.01 - US); **H01R 12/585** (2013.01 - EP US); **H01R 13/02** (2013.01 - CN); **H01R 13/46** (2013.01 - CN); **H01R 13/62** (2013.01 - CN); **H01R 43/205** (2013.01 - EP US); **H01R 12/716** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0901188 A2 19990310 - SIEMENS AG [DE]
- [X] DE 10229007 A1 20030227 - TYCO ELECTRONICS AMP GMBH [DE]
- [Y] EP 0357375 A2 19900307 - MOLEX INC [US]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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US 9246253 B1 20160126; CA 2912621 A1 20160526; CN 105633705 A 20160601; CN 105633705 B 20190604; EP 3026759 A1 20160601; EP 3026759 B1 20200513; JP 2016105400 A 20160609; JP 6749092 B2 20200902; MX 2015016342 A 20170227; MX 357707 B 20180720

DOCDB simple family (application)

US 201414555033 A 20141126; CA 2912621 A 20151118; CN 201511027999 A 20151126; EP 15194825 A 20151116; JP 2015227791 A 20151120; MX 2015016342 A 20151126